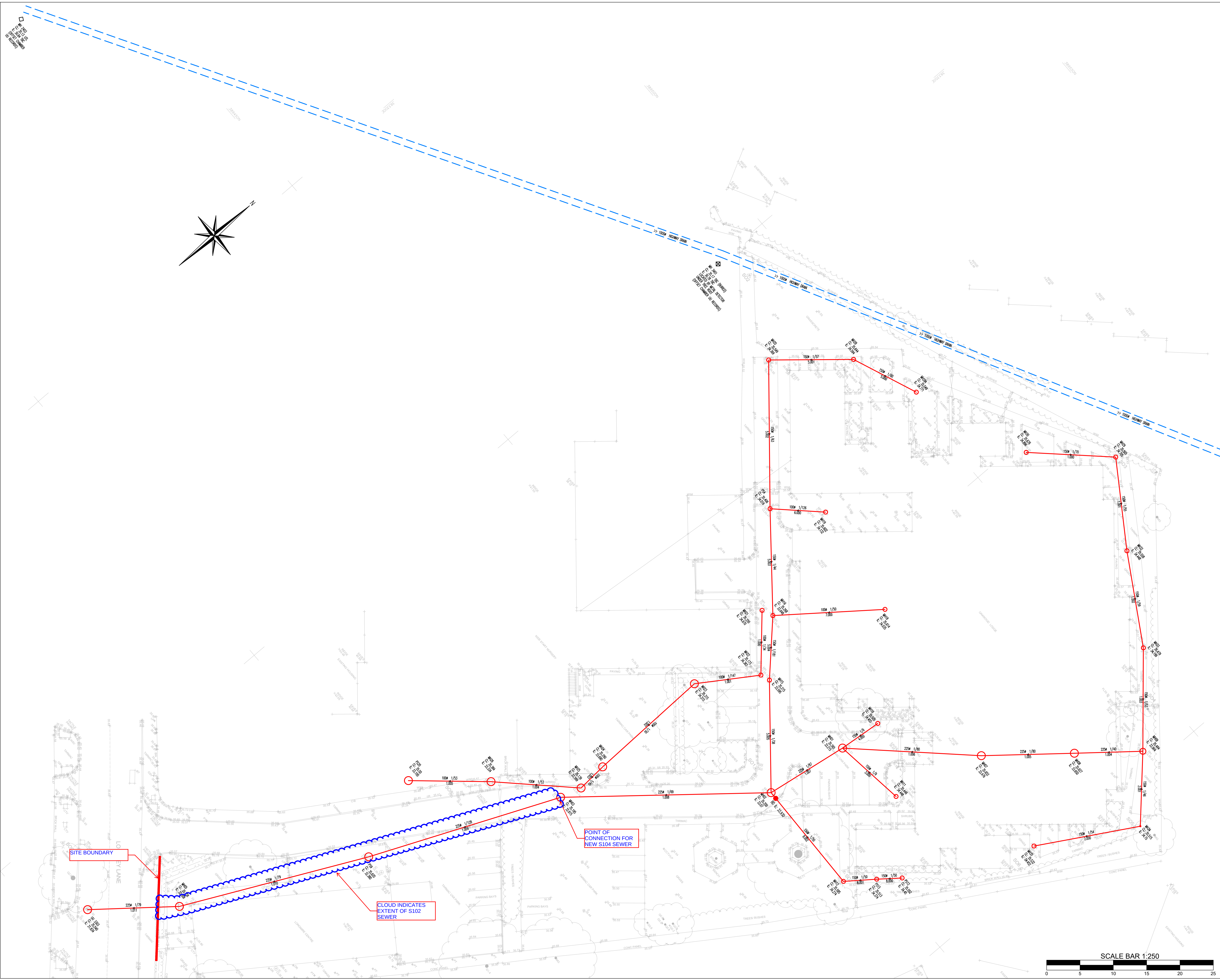




General Notes

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ALL DIMENSIONS TO BE CHECKED ON SITE BY THE CONTRACTOR / FABRICATOR PRIOR TO COMMENCEMENT OF WORKS.

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FOR FINAL SETTING OUT INFORMATION RELATING TO GRID LINES AND WALL POSITIONS REFER TO THE ARCHITECT'S DRAWINGS.

EXISTING SERVICES

ROAD SIGNS AND LAMP COLUMNS ON THE SITE PERIPHERY TO BE RE-SITED IF REQUIRED BY, AND TO THE APPROVAL OF, THE LOCAL AUTHORITY.

CONTRACTOR TO SATISFY THEMSELVES THAT EXISTING AND PROPOSED SERVICES DO NOT CLASH WITH PROPOSED DRAINAGE

KNOWN EXISTING SERVICES ARE INDICATED ON THE PLAN WHERE THEY CROSS THE PROPOSED DRAINAGE, THE EXACT TYPE AND LOCATION SHALL BE CONFIRMED BY THE CONTRACTOR PRIOR TO START OF WORKS TO ENSURE THAT PROPOSED DRAINAGE LEVELS DO NOT INTERFERE WITH SERVICES. ALL DISCREPANCIES SHALL BE REPORTED TO ENGINEER IMMEDIATELY.

THE FOLLOWING EXISTING SERVICE INFORMATION IS INDICATED ON THIS DRAWING AND HAS BEEN OBTAINED FROM THE SOURCES LISTED.

EXISTING SERVICE	OBTAINED FROM
SEWERS	TOPO SURVEY BY SURVEY OPERATIONS DEC 2018 DRG REF: A0 18/274/001 UNITED UTILITIES RECORDS
GAS	NOT INDICATED
ELECTRICITY	NOT INDICATED
TELEPHONE	NOT INDICATED
CABLE	NOT INDICATED
OTHERS	NOT INDICATED

THE CONTRACTOR SHALL CHECK ALL EXISTING COVER / INVERT LEVELS AND PIPE / SEWER SIZES ON SITE PRIOR TO START OF WORKS TO ENSURE PROPOSED DRAINAGE CAN BE CONSTRUCTED AS INDICATED ON THE DRAWING. ANY DISCREPANCIES TO BE REPORTED TO THE ENGINEER IMMEDIATELY.

ALL REDUNDANT DRAINAGE WITHIN SITE TO BE GRUBBED UP, CHASED AND SEALED TO APPROVAL OF LOCAL AUTHORITY

KEY

EXISTING COMBINED DRAIN / SEWER
EXISTING SURFACE WATER DRAIN / SEWER
EXISTING FOUL WATER DRAIN / SEWER

EXTG MH
CL: XXX
IL: XXX

EXISTING MANHOLE / ACCESS CHAMBER
EXISTING ROAD GUILLEY

P01	ISSUED FOR COMMENT	29.08.23	AJB	DS
Rev	Description	Date	By	Chkd

Drawing Status

PRELIMINARY DRAWING

Structural & Civil Engineering
Geotechnical & Environmental Investigations
Building Surveying
Pre Planning Services

Unipol Road Office: 0151 227 2115
Manchester Office: 0161 817 5180
North Wales Office: 01753 644 077
Leeds Office: 0113 2514 4205

www.sutcliffe.co.uk

Client

GARDEN CITY DESIGN AND BUILD

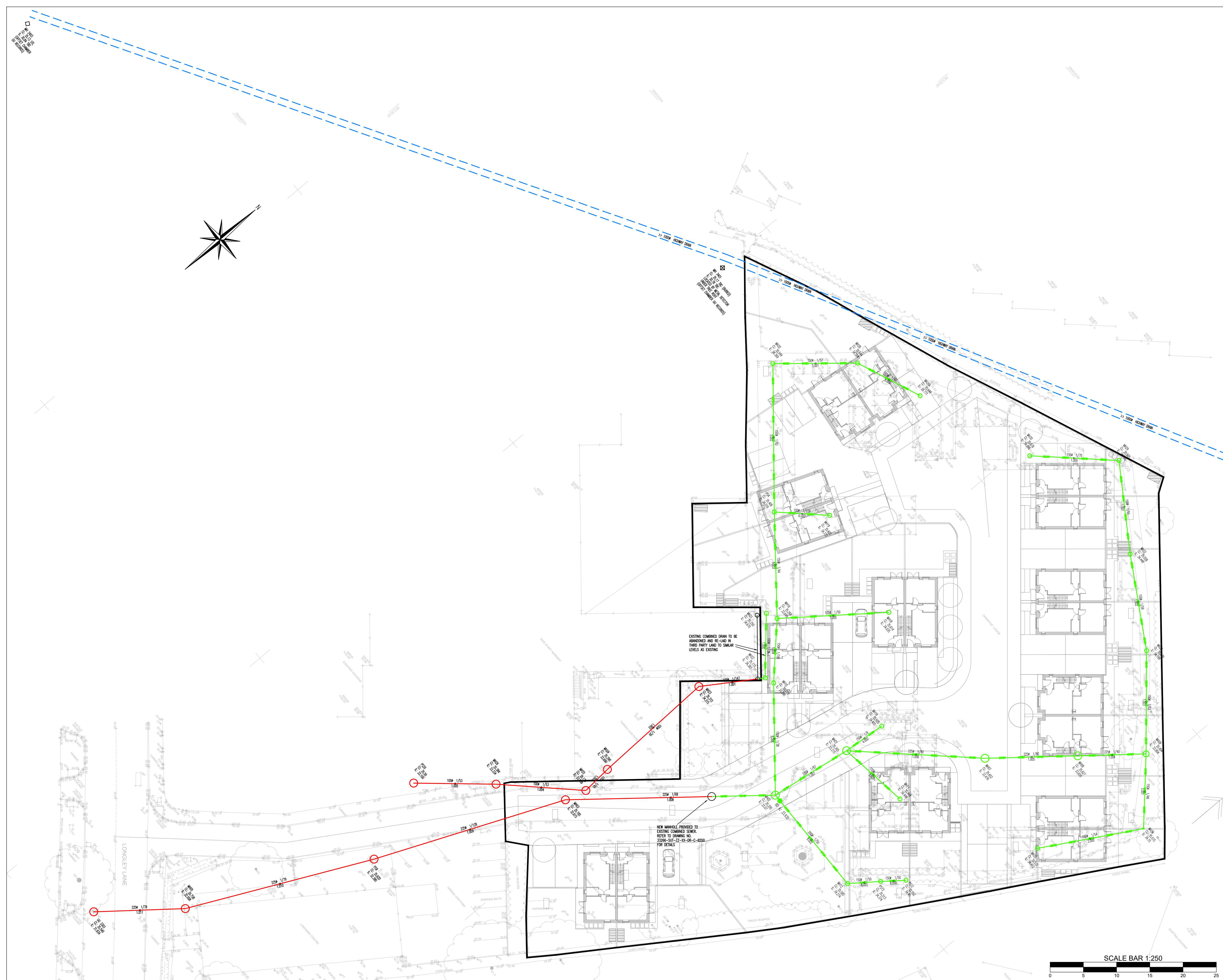
Project

**OAKWOOD LODGE
WYTHENSHAW**

Drawing Title

EXISTING DRAINAGE LAYOUT

Date	AUG. 2023	Drawn By	AJB	Checked By	DS
Scale at A1	1:250	Project Number	33266	Revision	
Sheet Number	33266-SUT-ZZ-XX-DR-C-6000				P01



General Notes

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FOR FINAL SETTING OUT INFORMATION RELATING TO GRID LINES AND WALL POSITIONS REFER TO THE ARCHITECT'S DRAWINGS.

EXISTING SERVICES

ROAD SIGNS AND LAMP COLUMNS ON THE SITE PERIPHERY TO BE RE-SITED IF REQUIRED BY, AND TO THE APPROVAL OF, THE LOCAL AUTHORITY.

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THE FOLLOWING EXISTING SERVICE INFORMATION IS INDICATED ON THIS DRAWING AND HAS BEEN OBTAINED FROM THE SOURCES LISTED.

EXISTING SERVICE	OBTAINED FROM
SEWERS	TOPO SURVEY BY SURVEY OPERATIONS DEC 2018 DRG REF: A0 18/274/001 UNITED UTILITIES RECORDS
GAS	NOT INDICATED
ELECTRICITY	NOT INDICATED
TELEPHONE	NOT INDICATED
CABLE	NOT INDICATED
OTHERS	NOT INDICATED

THE CONTRACTOR SHALL CHECK ALL EXISTING COVER / INVERT LEVELS AND PIPE / SEWER SIZES ON SITE PRIOR TO START OF WORKS TO ENSURE PROPOSED DRAINAGE CAN BE CONSTRUCTED AS INDICATED ON THE DRAWING. ANY DISCREPANCIES TO BE REPORTED TO THE ENGINEER IMMEDIATELY.

ALL REDUNDANT DRAINAGE WITHIN SITE TO BE GRUBBED UP, CHASED AND SEALED TO APPROVAL OF LOCAL AUTHORITY

KEY

- EXISTING COMBINED DRAIN / SEWER
- EXISTING SURFACE WATER DRAIN / SEWER
- EXISTING FOUL WATER DRAIN / SEWER

EXTG MH
CL: XXX
IL: XXX

- EXISTING MANHOLE / ACCESS CHAMBER
- EXISTING ROAD GUILLEY
- EXTG DRAINAGE TO BE ABANDONED TO L.A. APPROVAL

P01

ISSUED FOR COMMENT

29.08.23

AJB

DS

Rev

Description

Date

By

Chkd

Drawing Status

PRELIMINARY DRAWING

Sutcliffe

Structural & Civil Engineering
Geotechnical & Environmental Investigations
Building Surveying
Preliminary Services

Leeds Head Office
0113 227 2115
www.sutcliffe.co.uk

Manchester Office
0161 817 5180

North Wales Office
01753 644141

London Office
020 8014 4200

Client

GARDEN CITY DESIGN AND BUILD

Project

OAKWOOD LODGE
WYTHENSHAW

Drawing Title

EXISTING DRAINAGE
TO BE ABANDONED

Date

AUG. 2023

Drawn By

AJB

Checked By

DS

Scale at A1

1:250

Project Number

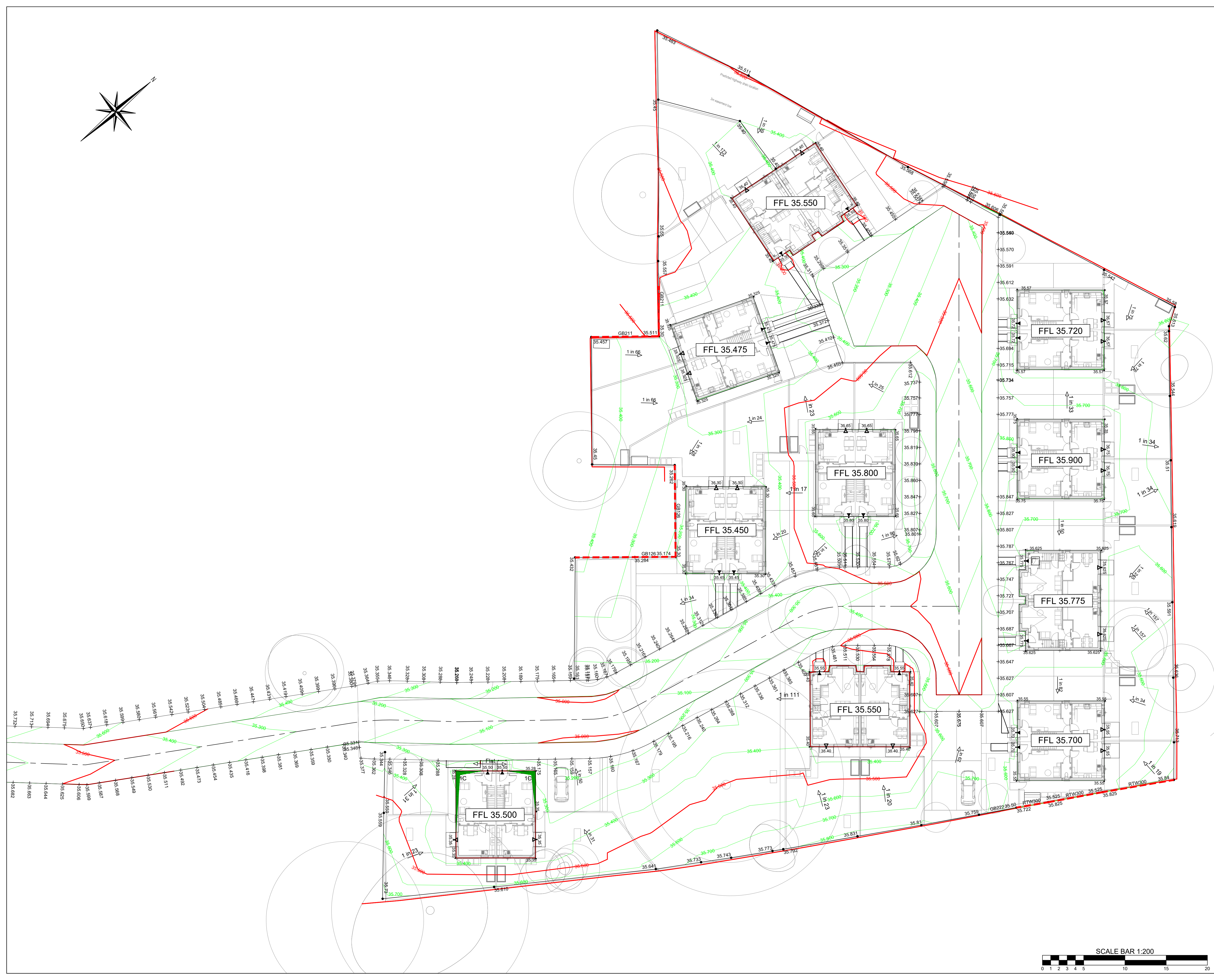
33266

Sheet Number

33266-SUT-ZZ-XX-DR-C-6001

Revision

P01



DO NOT SCALE OFF THIS DRAWING

ALL DIMENSIONS TO BE CHECKED ON SITE BY THE CONTRACTOR / FABRICATOR PRIOR TO COMMENCEMENT OF WORKS.

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EXISTING SITE CONDITIONS

THE DEVELOPER SHALL NOT COMMENCE ANY WORK WHICH AFFECTS THE PUBLIC HIGHWAY UNTIL ALL THE APPROVED TRAFFIC SAFETY AND MANAGEMENT MEASURES NECESSITATED BY THE WORKS ARE IN PLACE.

THE DEVELOPER SHALL MAINTAIN ACCESS TO AND ALONG ALL EXISTING FOOTWAYS, PRIVATE ACCESSES, PUBLIC RIGHTS OF WAY AND PROPOSED CROSSINGS OF THE WORK THROUGHOUT THE CONSTRUCTION PHASE.

THE CONTRACTOR IS TO CONFIRM EXISTING ROAD LEVELS AT ALL PROPOSED JUNCTIONS BETWEEN NEW AND EXISTING ROAD CONSTRUCTION PRIOR TO COMMENCEMENT OF WORK.

ALL HIGHWAY WORKS TO BE DESIGNED AND CONSTRUCTED TO THE APPROVAL OF THE
LOCAL AUTHORITY HIGHWAYS DEPARTMENT.

ALL ROAD OPENING NOTICES ETC., AS REQUIRED UNDER THE HIGHWAYS ACTS ARE TO BE OBTAINED PRIOR TO COMMENCEMENT OF WORKS ON SITE. ALL WORKS ARE TO BE INSPECTED BY THE LOCAL AUTHORITY.

ALL MATERIALS SHALL BE TRANSPORTED & LAID IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE APPROPRIATE CURRENT BRITISH STANDARD FOR THAT MATERIAL.

ALL GULLIES TO BE PROTECTED FROM SILT DURING THE CONSTRUCTION PROCESS WITH A LAYER OF HESSIAN SHEETING PLACED UNDER THE GULLY GRATING. THE HESSIAN SHALL BE CLEANED AND MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD.

REFER TO SEPARATE DRAWINGS FOR ALL KERB / ROAD / FOOTPATHS NOTES AND DETAILS. REFER TO DRAWING ISSUE SHEET FOR A FULL LIST OF DRAWINGS.

ALL EXISTING TREES, BUSHES SHALL BE UP ROOTED OR CUT DOWN AS NEAR TO GROUND LEVEL AS POSSIBLE. ALL FELLED TIMBER TO BE DISPOSED OF BY THE CONTRACTOR.

STUMPS AND ROOTS FROM FELLED TREES, BUSHES AND HEDGES SHALL BE GRUBBED UP AND DISPOSED OF BY THE CONTRACTOR. HOLES LEFT FROM STUMPS AND ROOTS SHALL BE FILLED WITH ACCEPTABLE MATERIAL AND COMPACTED.

ALL RETAINED EXISTING TREES, SHRUBS, GRASSLAND AND THE LIKE ON OR ADJOINING THE SITE SHALL BE PROTECTED FROM DAMAGE ARISING THROUGH SITE OPERATIONS.

EXTENT OF ALL RETAINING WALLS, GABIONS AND FLAG ON EDGE RETAINING STRUCTURE NOTED ON THIS DRAWING ARE INDICATIVE ONLY. REFER TO SEPARATE DRAWINGS FOR NOTES AND DETAILS. REFER TO DRAWING ISSUE SHEET FOR A FULL LIST OF DRAWING

THE CONTRACTOR IS TO BE FULLY RESPONSIBLE FOR ALL TEMPORARY / PERMANENT PROPPING AND SHORING ON THE PROJECT. CONTRACTOR TO ENSURE THAT ALL PARTS OF THE STRUCTURE ARE ADEQUATELY PROPPED PRIOR TO ANY COMMENCEMENT OF WORKS. ADVICE MAY BE SOUGHT FROM A SPECIALIST OR FROM THE ENGINEER.

+35.75

× 35.60

* 33/3

1 in 34

FFL 35.90

20

4C

6650

35.40

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2	SITE LATC
1	ISSUED FO

awing Status
DELMIN



School Head Office: 0151 822 3155
Manchester: 0151 822 3155

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Project

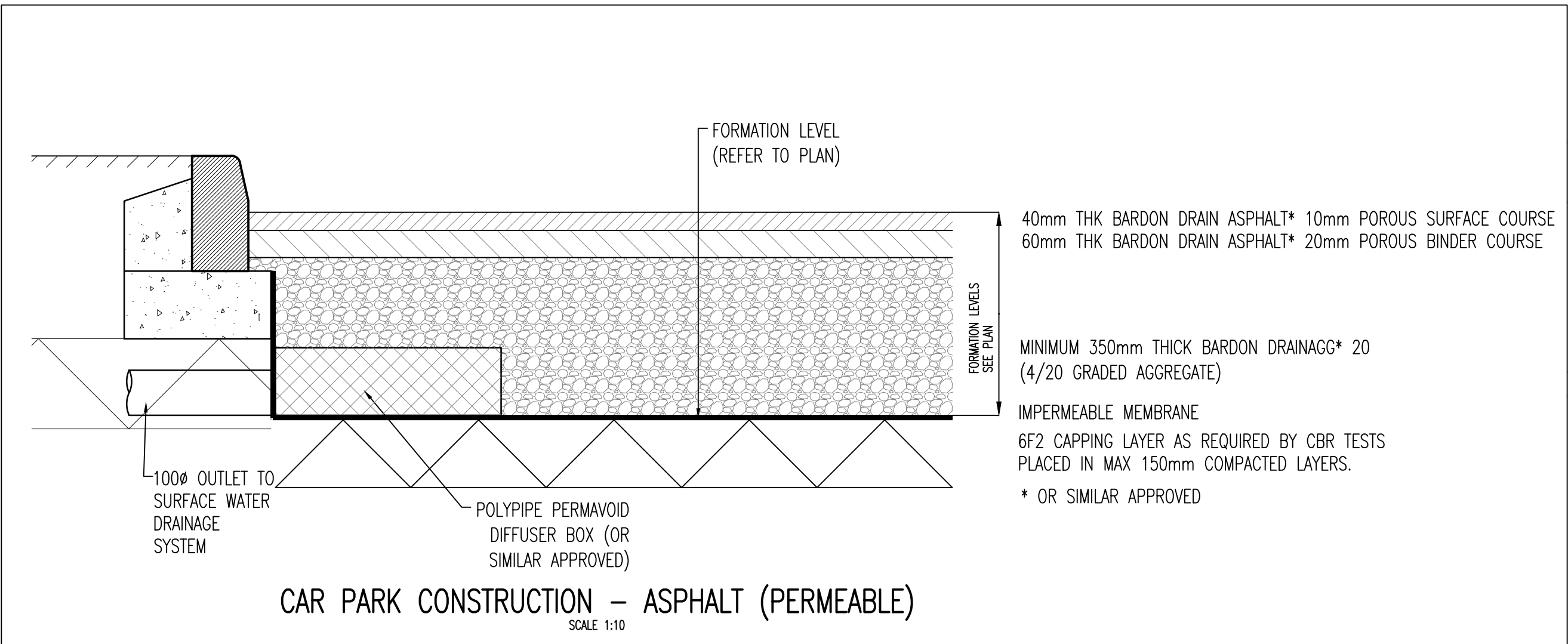
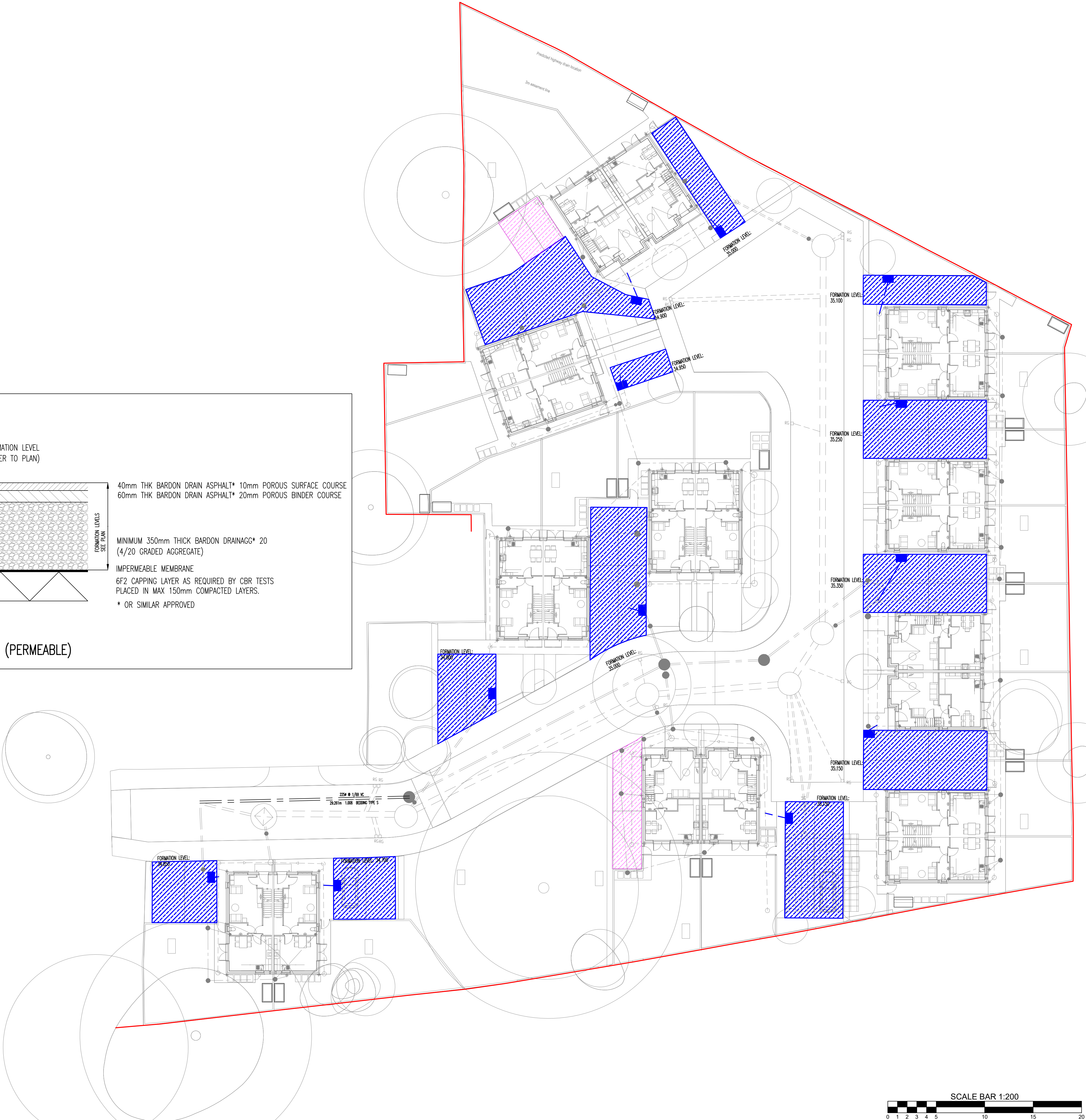
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33266.



General Notes

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DRAINAGE KEY

- SITE BOUNDARY
- NEW SURFACE WATER DRAIN / SEWER
- NEW MANHOLE – REFER TO PLAN FOR SIZE
- NEW POLYPROPYLENE INSPECTION CHAMBER (PPIC)
- NEW MINI ACCESS CHAMBER
- RWP = RAIN WATER PIPE LOCATION
- RG = NEW ROAD GULLEY
- PERMEABLE CAR PARK CONSTRUCTION FORMATION LEVEL – AS SHOWN
- DIFFUSER BOX OUTLET INVERT LEVEL AS SHOWN
- PERMEABLE CAR PARK CONSTRUCTION IN TREE ROOT PROTECTION ZONE – REFER TO 33266-SUT-ZZ-XX-DR-C-6810 FOR DETAILS

P03	SITE LOCATION UPDATED	28.11.23	JW	DS
P02	SITE LAYOUT UPDATED	02.11.23	AJB	DS
P01	ISSUED FOR COMMENT	14.09.23	KW	DS
Rev	Description	Date	By	Chkd

Drawing Status

PRELIMINARY DRAWING



Client

GARDEN CITY DESIGN AND BUILD

Project

**OAKWOOD LODGE
WYTHENSHAW**

Drawing Title

**PROPOSED PERMEABLE
PAVING FORMATION**

Date SEPT 23	Drawn By KW	Checked By DS
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Scale at A1 1:200	Project Number 33266
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Sheet Number 33266-SUT-ZZ-XX-DR-C-6201	Revision P03
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[illegible]

SECTION A-A
(1:100)

OVERFLOW
IL: 34.200

150Ø LOOP >>

NON-RETURN VALVE ON OUTGOING PIPE

150Ø << 1:100

S11
CL: 35.648
IL: 33.407

45°

2.212

8m x 7.5m x 1.4m Deep Surface Water Attenuation

IL: 33.436

INDICATED ATTENUATION BEDDING MATERIAL

ADOPTED HIGHWAY PRIVATE DRIVEWAY

2.0m 3.356m 8m

EXISTING BOUNDARY

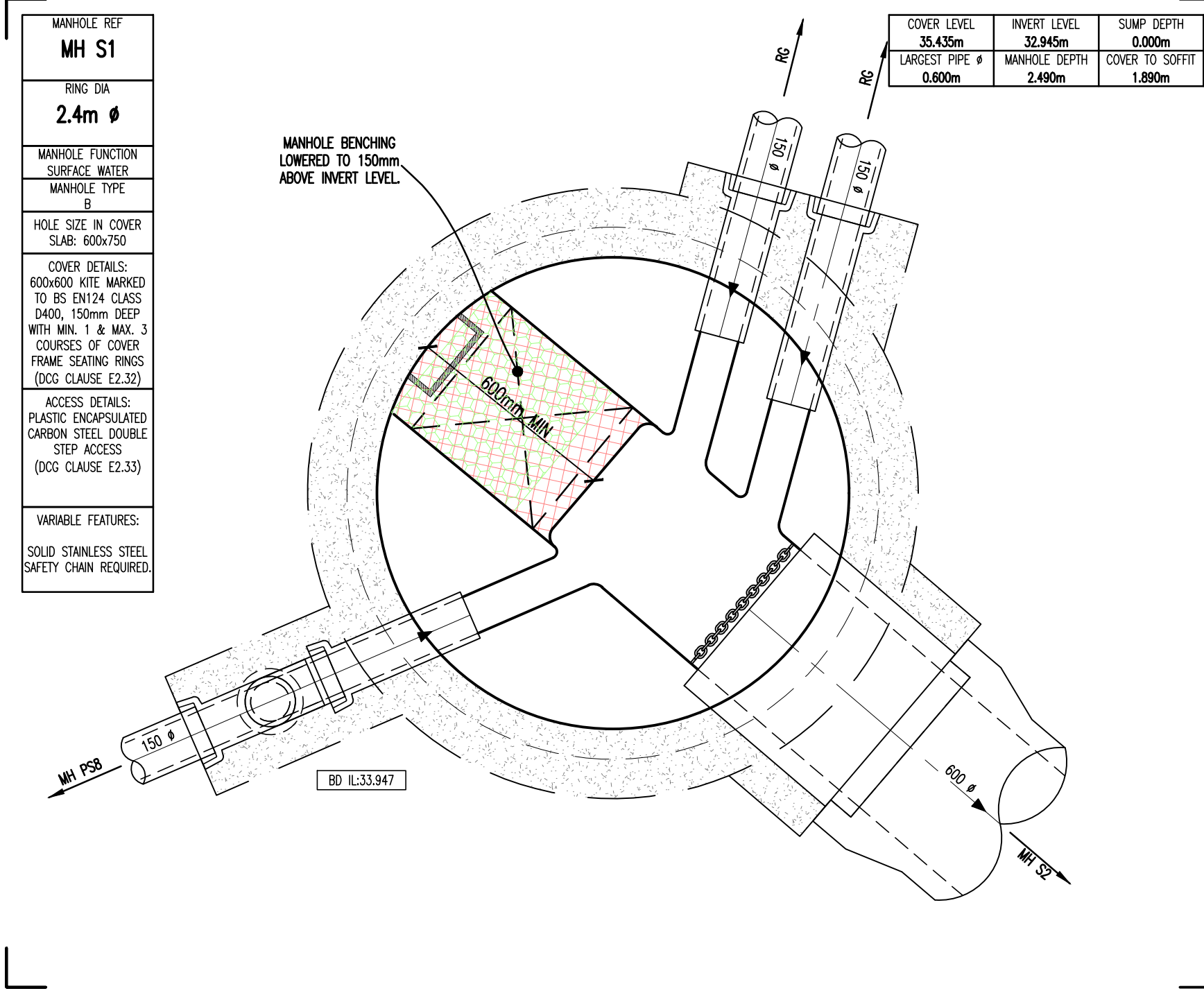
S3
CL: 35.534
IL: 32.830 (600Ø)



General Notes
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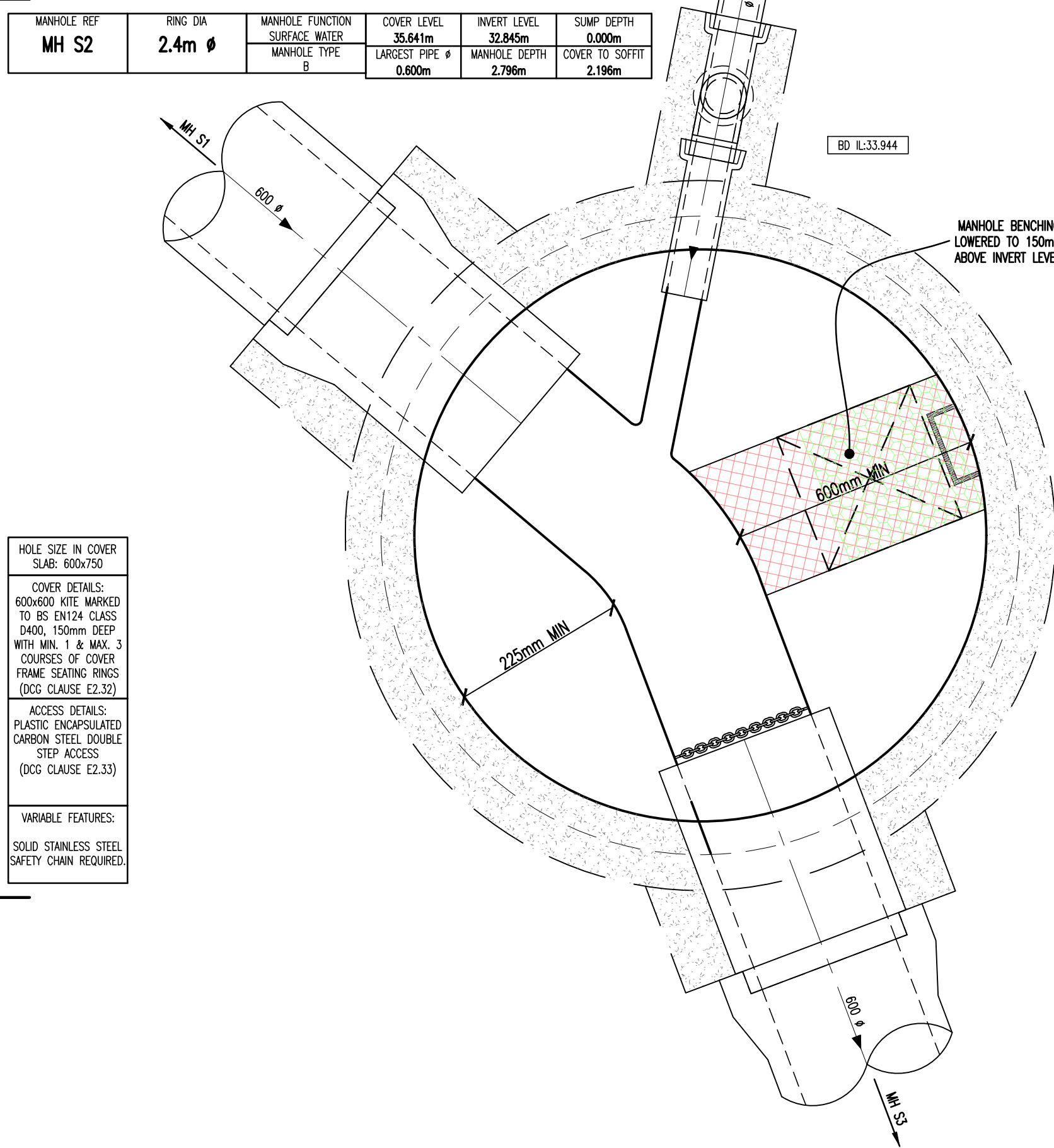
<div><div><div>Structural & Civil Engineering</div><div>Geotechnical & Environmental Investigations</div><div>Building Surveying</div><div>Pre Planning Services</div></div><div><div>Liverpool Head Office: 0151 227 3155</div><div>Manchester Office: 0161 817 5180</div><div>North Wales Office: 01978 664 071</div><div>London Office: 020 8016 4320</div></div><div><div>www.sutcliffe.co.uk</div><div></div></div></div>
--

MANHOLE REF
MH S1
RING DIA
2.4m ø
MANHOLE FUNCTION
SURFACE WATER
MANHOLE TYPE
B
HOLE SIZE IN COVER
SLAB: 600x750
COVER DETAILS:
600x600 KITE MARKED
TO BS EN124 CLASS
D400, 150mm DEEP
WITH MIN. 1 & MAX. 3
COURSES OF COVER
FRAME SEATING RINGS
(DCG CLAUSE E2.32)
ACCESS DETAILS:
PLASTIC ENCAPSULATED
CARBON STEEL DOUBLE
STEP ACCESS
(DCG CLAUSE E2.33)
VARIABLE FEATURES:
SOLID STAINLESS STEEL
SAFETY CHAIN REQUIRED.

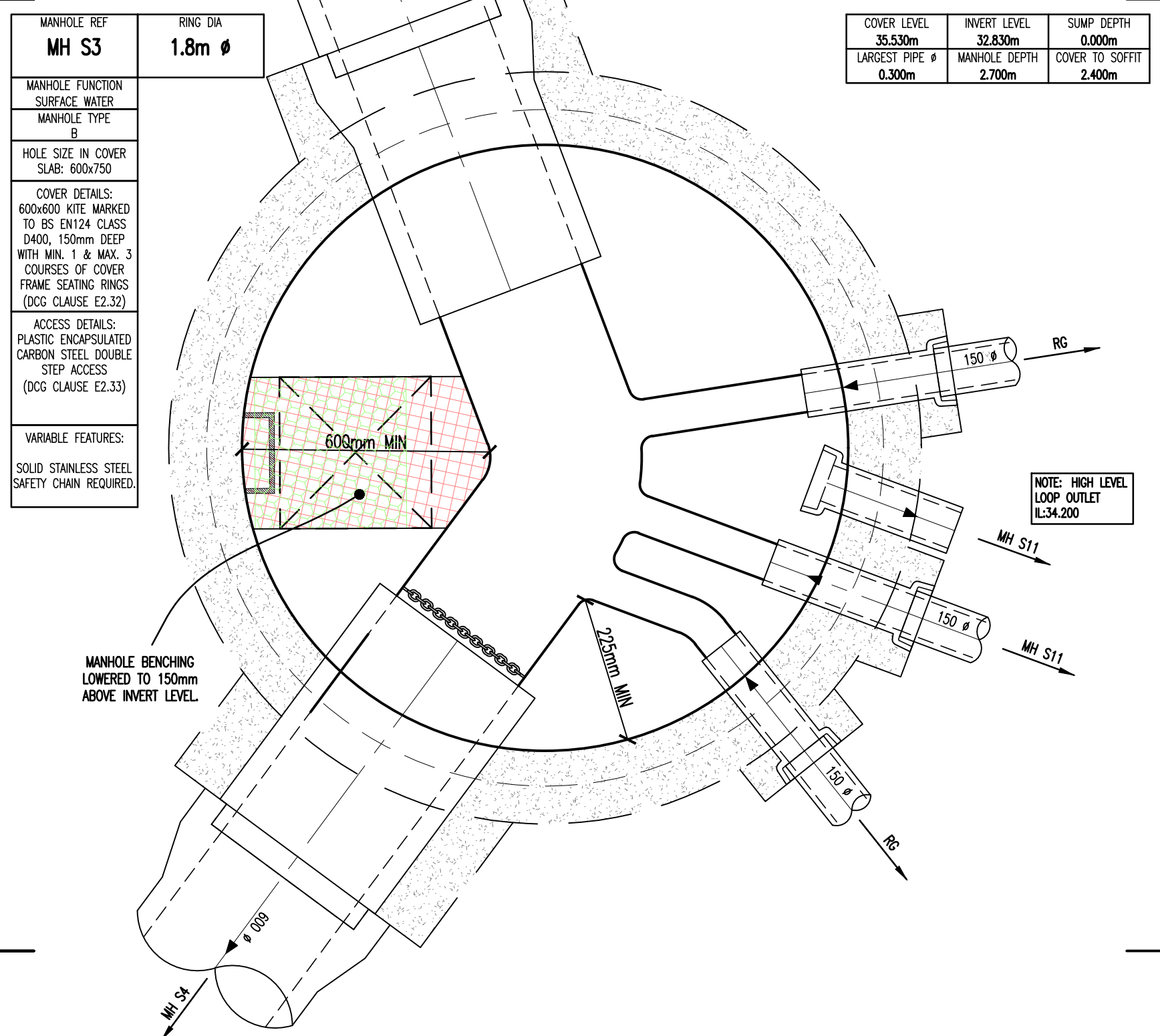


MANHOLE REF
MH S2
RING DIA
2.4m ø
MANHOLE FUNCTION
SURFACE WATER
MANHOLE TYPE
B
HOLE SIZE IN COVER
SLAB: 600x750
COVER DETAILS:
600x600 KITE MARKED
TO BS EN124 CLASS
D400, 150mm DEEP
WITH MIN. 1 & MAX. 3
COURSES OF COVER
FRAME SEATING RINGS
(DCG CLAUSE E2.32)
ACCESS DETAILS:
PLASTIC ENCAPSULATED
CARBON STEEL DOUBLE
STEP ACCESS
(DCG CLAUSE E2.33)
VARIABLE FEATURES:
SOLID STAINLESS STEEL
SAFETY CHAIN REQUIRED.

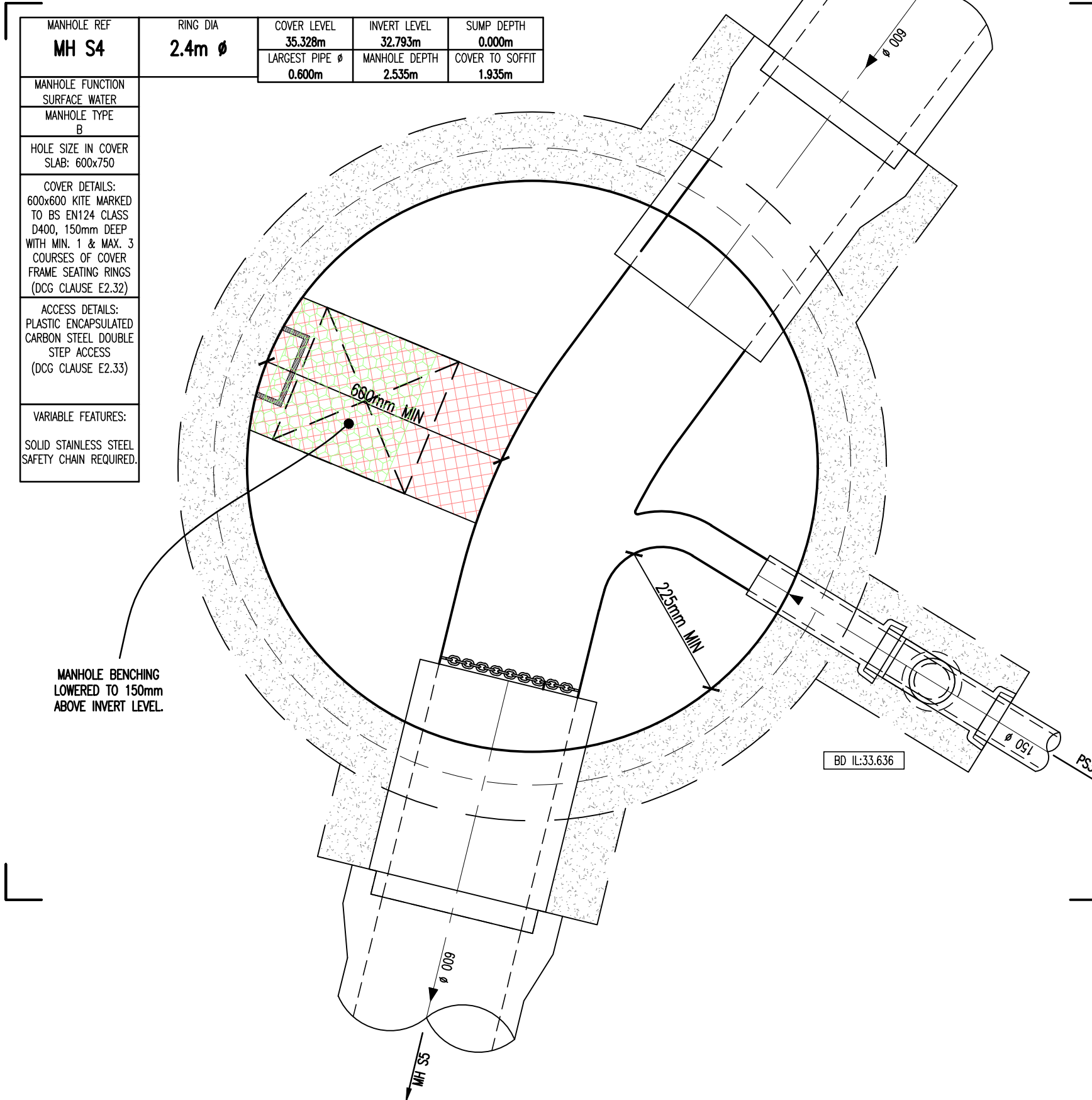
HOLE SIZE IN COVER
SLAB: 600x750
COVER DETAILS:
600x600 KITE MARKED
TO BS EN124 CLASS
D400, 150mm DEEP
WITH MIN. 1 & MAX. 3
COURSES OF COVER
FRAME SEATING RINGS
(DCG CLAUSE E2.32)
ACCESS DETAILS:
PLASTIC ENCAPSULATED
CARBON STEEL DOUBLE
STEP ACCESS
(DCG CLAUSE E2.33)
VARIABLE FEATURES:
SOLID STAINLESS STEEL
SAFETY CHAIN REQUIRED.



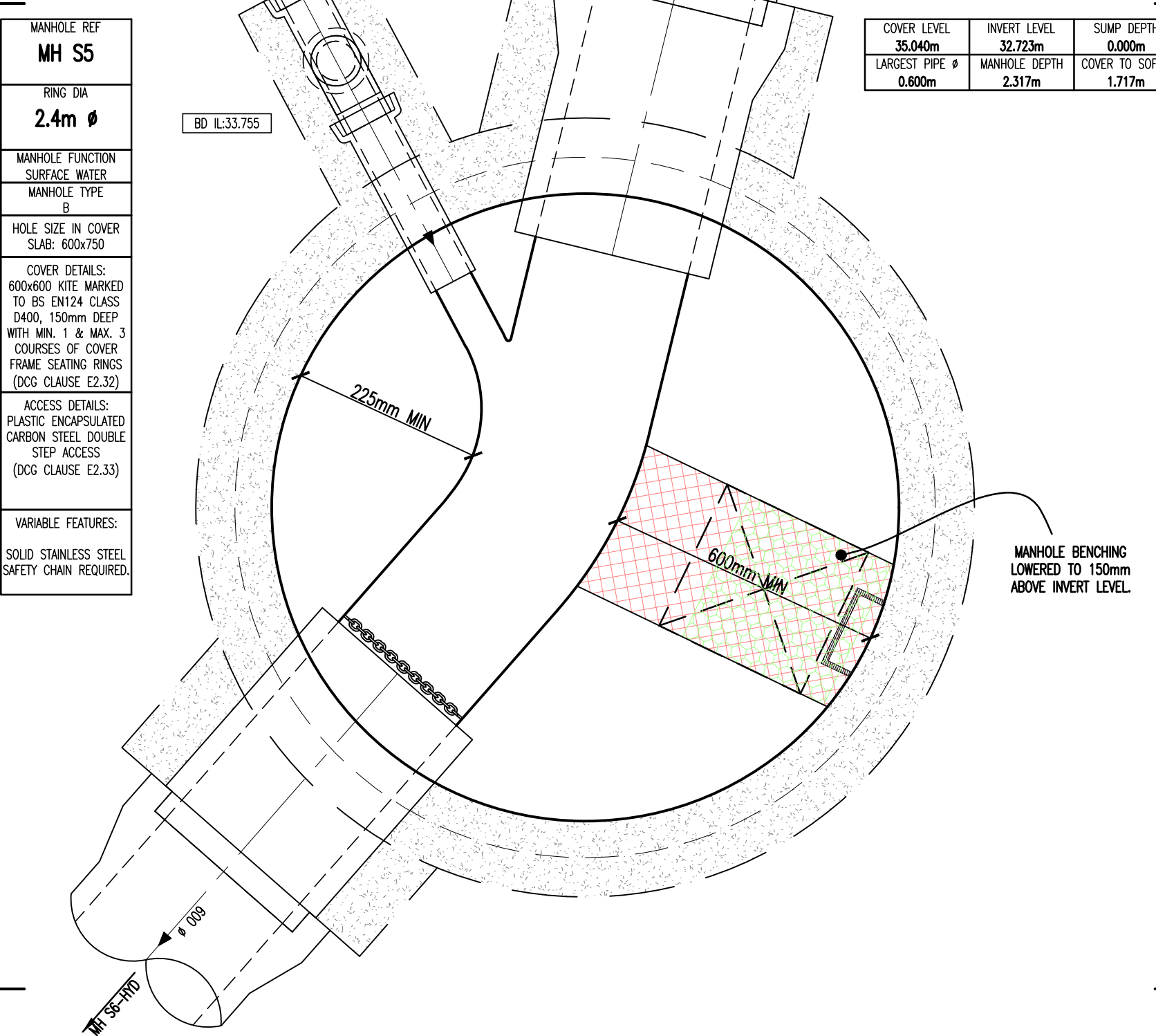
MANHOLE REF
MH S3
RING DIA
1.8m ø
MANHOLE FUNCTION
SURFACE WATER
MANHOLE TYPE
B
HOLE SIZE IN COVER
SLAB: 600x750
COVER DETAILS:
600x600 KITE MARKED
TO BS EN124 CLASS
D400, 150mm DEEP
WITH MIN. 1 & MAX. 3
COURSES OF COVER
FRAME SEATING RINGS
(DCG CLAUSE E2.32)
ACCESS DETAILS:
PLASTIC ENCAPSULATED
CARBON STEEL DOUBLE
STEP ACCESS
(DCG CLAUSE E2.33)
VARIABLE FEATURES:
SOLID STAINLESS STEEL
SAFETY CHAIN REQUIRED.



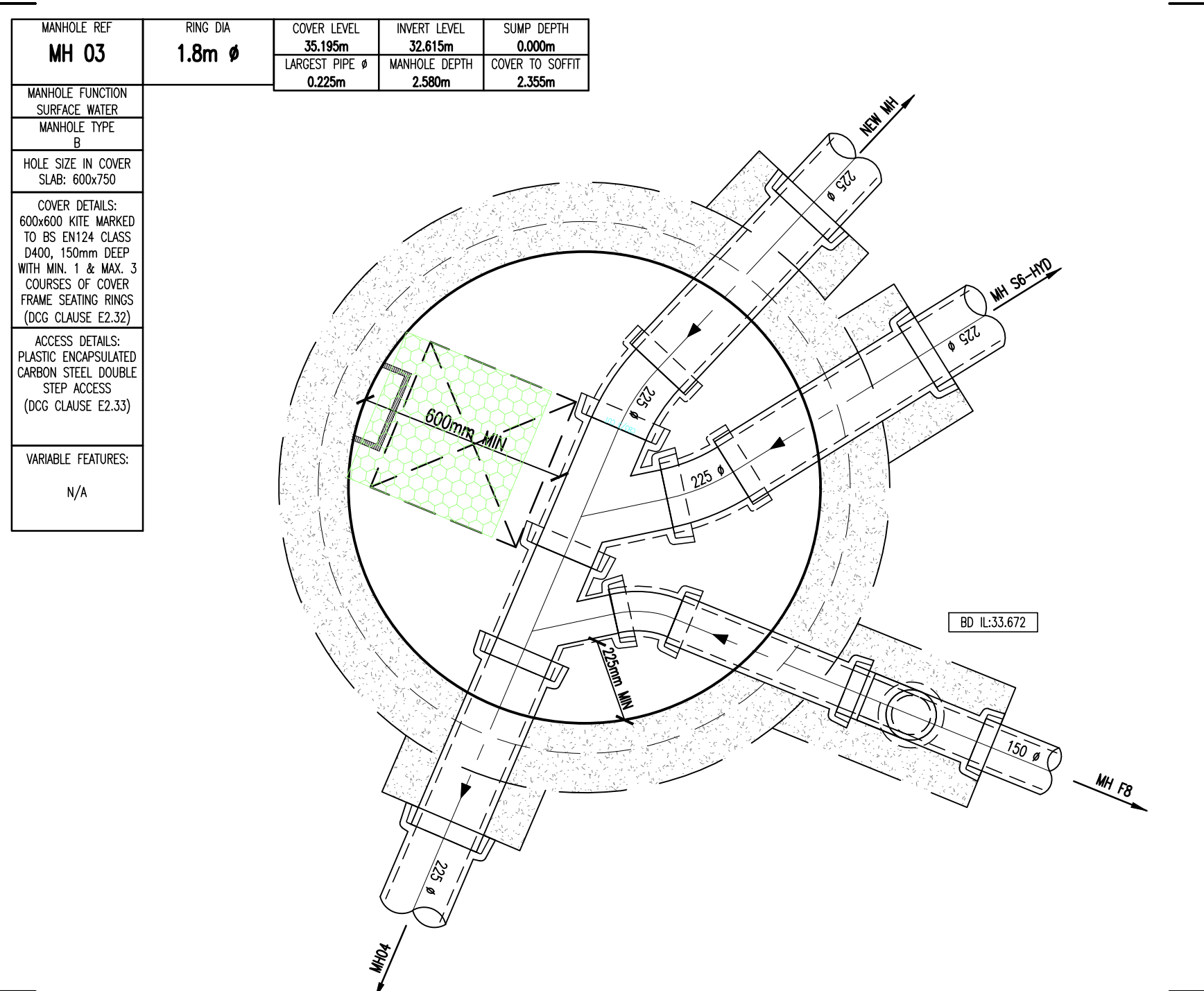
MANHOLE REF
MH S4
RING DIA
2.4m ø
MANHOLE FUNCTION
SURFACE WATER
MANHOLE TYPE
B
HOLE SIZE IN COVER
SLAB: 600x750
COVER DETAILS:
600x600 KITE MARKED
TO BS EN124 CLASS
D400, 150mm DEEP
WITH MIN. 1 & MAX. 3
COURSES OF COVER
FRAME SEATING RINGS
(DCG CLAUSE E2.32)
ACCESS DETAILS:
PLASTIC ENCAPSULATED
CARBON STEEL DOUBLE
STEP ACCESS
(DCG CLAUSE E2.33)
VARIABLE FEATURES:
SOLID STAINLESS STEEL
SAFETY CHAIN REQUIRED.



MANHOLE REF
MH S5
RING DIA
2.4m ø
MANHOLE FUNCTION
SURFACE WATER
MANHOLE TYPE
B
HOLE SIZE IN COVER
SLAB: 600x750
COVER DETAILS:
600x600 KITE MARKED
TO BS EN124 CLASS
D400, 150mm DEEP
WITH MIN. 1 & MAX. 3
COURSES OF COVER
FRAME SEATING RINGS
(DCG CLAUSE E2.32)
ACCESS DETAILS:
PLASTIC ENCAPSULATED
CARBON STEEL DOUBLE
STEP ACCESS
(DCG CLAUSE E2.33)
VARIABLE FEATURES:
SOLID STAINLESS STEEL
SAFETY CHAIN REQUIRED.



MANHOLE REF
MH O3
RING DIA
1.8m ø
MANHOLE FUNCTION
SURFACE WATER
MANHOLE TYPE
B
HOLE SIZE IN COVER
SLAB: 600x750
COVER DETAILS:
600x600 KITE MARKED
TO BS EN124 CLASS
D400, 150mm DEEP
WITH MIN. 1 & MAX. 3
COURSES OF COVER
FRAME SEATING RINGS
(DCG CLAUSE E2.32)
ACCESS DETAILS:
PLASTIC ENCAPSULATED
CARBON STEEL DOUBLE
STEP ACCESS
(DCG CLAUSE E2.33)
VARIABLE FEATURES:
N/A



DO NOT SCALE OFF THIS DRAWING

GENERAL NOTES

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ALL DRAINAGE AND MANHOLES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE DCG.

DRAINAGE NOTES:

MANHOLE COVERS AND FRAMES SHALL BE IN ACCORDANCE WITH DCG CLAUSE 2.32.

LADDER / DOUBLE STEP ACCESS:

FOR 1200 & 1500mm ø MANHOLE CHAMBERS, OR WHERE THE DEPTH TO SOFFIT IS LESS THAN 3m, A FULL HEIGHT (NO ACCESS SHAFT) CONSTRUCTION IS PREFERRED.

WHERE THE DEPTH TO SOFFIT FROM COVER LEVEL IS LESS THAN 3.0m, DOUBLE ACCESS STEPS SHALL BE USED IN PLACE OF A LADDER.

WHERE THE DEPTH TO SOFFIT FROM COVER LEVEL IS GREATER THAN 3.0m, AN ACCESS LADDER SHALL BE USED. ACCESS LADDER TO UNITED UTILITIES STANDARD DETAIL No. 8. MINIMUM 1200mm INTERNAL SHAFT DIAMETER REQUIRED FOR ACCESS LADDERS.

ROCKER PIPE LENGTHS (DCG E6.6):

150mm ø PIPE - 600mm ø PIPE : MINIMUM 600mm LONG ROCKER PIPE
601mm ø PIPE - 750mm ø PIPE: MINIMUM 1000mm LONG ROCKER PIPE
OVER 750: MINIMUM 1250mm LONG ROCKER PIPE

MANHOLE TYPES:

REFER TO DCG FIGURES B4 TO B25 FOR DETAILS.

VARIABLE FEATURES:

LADDERS: IN ACCORDANCE WITH DCG CLAUSE E2.37

HANDRAILS: IN ACCORDANCE WITH DCG CLAUSE E2.36

SAFETY CHAINS: IN ACCORDANCE WITH DCG CLAUSE E2.35

TYPICAL HATCHING INDICATES 600x600mm MINIMUM "LANDING ZONE" AS REQUIRED BY UNITED UTILITIES.

TYPICAL INDICATE EXTENT OF REDUCED BENCHING (150mm ABOVE PIPE INVERT LEVEL) WITHIN A SHALLOW MANHOLE WITH LARGE DIAMETER SEWERS (REFER TO UNITED UTILITIES DRAWING REF STD/19/004).

NOTE: ALL DRAINAGE WORKS SHALL BE IN ACCORDANCE WITH THE DCG

NOTE: ALL CONNECTIONS WITHIN THE MANHOLE TO BE SOFFIT TO SOFFIT CONNECTIONS.

NOTE: TO BE READ IN CONJUNCTION WITH S104 LAYOUT AND PRIVATE DRAINAGE LAYOUT

P06	MH'S S2, S3 & MH03 UPDATED	07.02.24	AJB	DS
P05	MH03 LEVELS UPDATED	04.12.23	KW	DS
P04	COVER LEVELS UPDATED	30.11.23	KW	DS
P03	COVER LEVELS UPDATED	07.11.23	AJB	DS
P02	UPDATED LOOP LEVEL MH S3	12.09.23	JW	DS
P01	ISSUE FOR COMMENT	09.08.23	KW	DS
Rev	Description	Date	By	Chkd

PRELIMINARY DRAWING

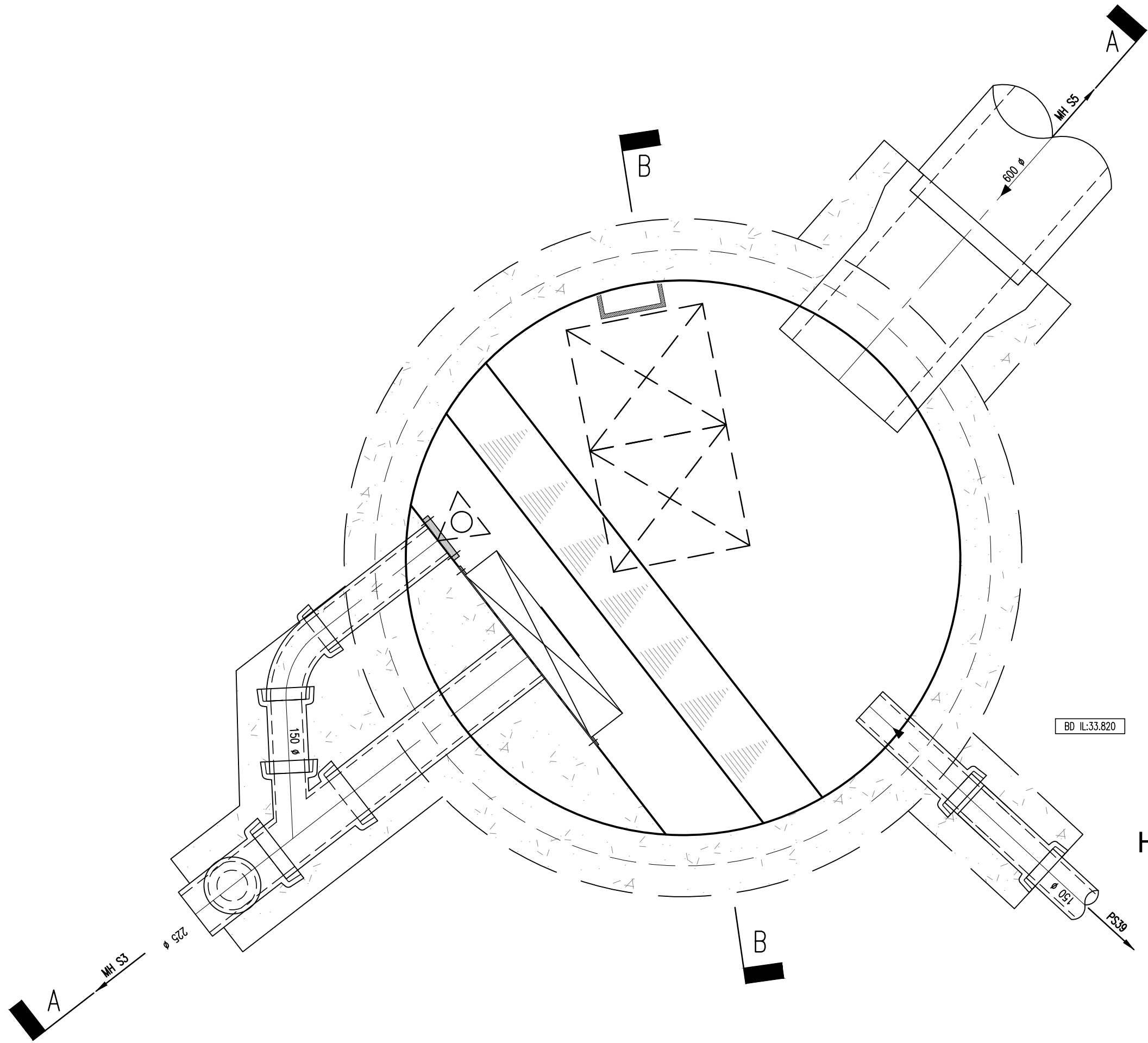


Client
GARDEN CITY DESIGN AND BUILD

Project
OAKWOOD LODGE WYTHENSHAW

Drawing Title
1 TO 20 MANHOLE SCHEDULE

Date	Drawn By	Checked By
AUG 23	KW	AJB
Scale at A1	Project Number	Revision
1:20	33266	
Sheet Number	33266-SUT-ZZ-XX-DR-C-6300	P06



HYDROBRAKE PLAN MH REF S6

HYDROBRAKE DETAILS	
MANHOLE REFERENCE	S6
MANHOLE SIZE	2700mm DIA.
HYDROBRAKE TYPE	OPTIMUM
HYDROBRAKE REFERENCE	SHE-0194-2350-2300-2350
DISCHARGE RATE	23.5 l/sec
DESIGN HEAD	2.3m
ORIFICE SIZE (mm)	194
SUMP DEPTH (mm)	540
INVERT LEVEL (m)	32.687m
WEIR LEVEL (m)	N/A

DO NOT SCALE OFF THIS DRAWING

GENERAL NOTES

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ALL DIMENSIONS TO BE CHECKED ON SITE BY THE CONTRACTOR / FABRICATOR PRIOR TO COMMENCEMENT OF WORKS.

ALL DIMENSIONS ARE IN MILLIMETRES UNLESS STATED OTHERWISE.

ALL DRAINAGE AND MANHOLES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE DCG.

DRAINAGE NOTES:

MANHOLE COVERS AND FRAMES SHALL BE IN ACCORDANCE WITH DCG CLAUSE 2.32.

LADDER / DOUBLE STEP ACCESS:

ALL IN ACCORDANCE WITH DCG FIGURES B4 TO B12.

FOR 1200 & 1500mm Ø MANHOLE CHAMBERS, OR WHERE THE DEPTH TO SOFFIT IS LESS THAN 3m, A FULL HEIGHT (NO ACCESS SHAFT) CONSTRUCTION IS PREFERRED.

WHERE THE DEPTH TO SOFFIT FROM COVER LEVEL IS LESS THAN 3.0m, DOUBLE ACCESS STEPS SHALL BE USED IN PLACE OF A LADDER.

WHERE THE DEPTH TO SOFFIT FROM COVER LEVEL IS GREATER THAN 3.0m, AN ACCESS LADDER SHALL BE USED. ACCESS LADDER TO UNITED UTILITIES STANDARD DETAIL No. 8. MINIMUM 1200mm INTERNAL SHAFT DIAMETER REQUIRED FOR ACCESS LADDERS.

ROCKER PIPE LENGTHS (DCG E6.6):

150mm Ø PIPE – 600mm Ø PIPE : MINIMUM 600mm LONG ROCKER PIPE
601mm Ø PIPE – 750mm Ø PIPE: MINIMUM 1000mm LONG ROCKER PIPE
OVER 750: MINIMUM 1250mm LONG ROCKER PIPE

MANHOLE TYPES:

REFER TO DCG FIGURES B4 TO B25 FOR DETAILS.

VARIABLE FEATURES:

LADDERS: IN ACCORDANCE WITH DCG CLAUSE E2.37

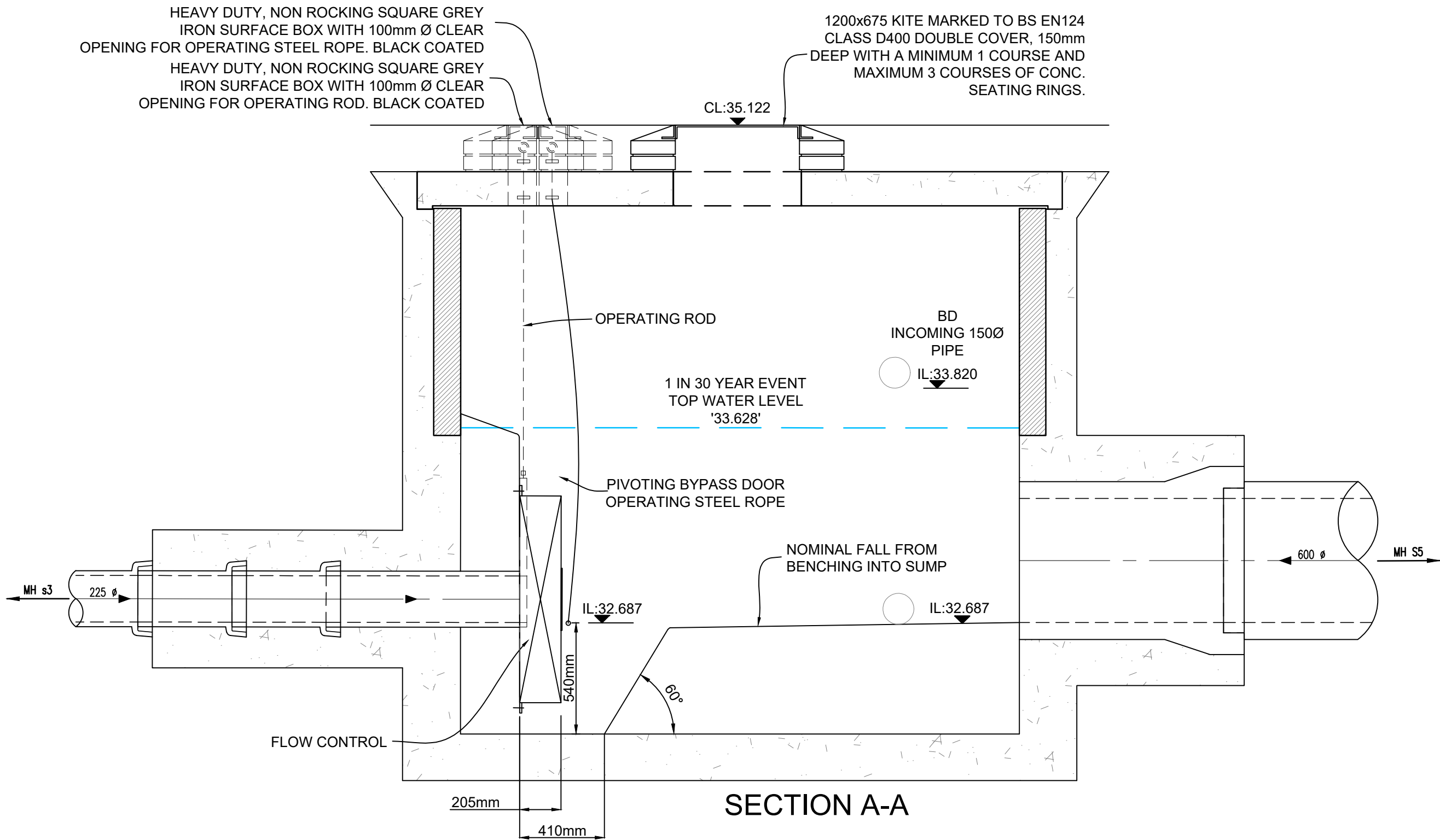
HANDRAILS: IN ACCORDANCE WITH DCG CLAUSE E2.36

SAFETY CHAINS: IN ACCORDANCE WITH DCG CLAUSE E2.35

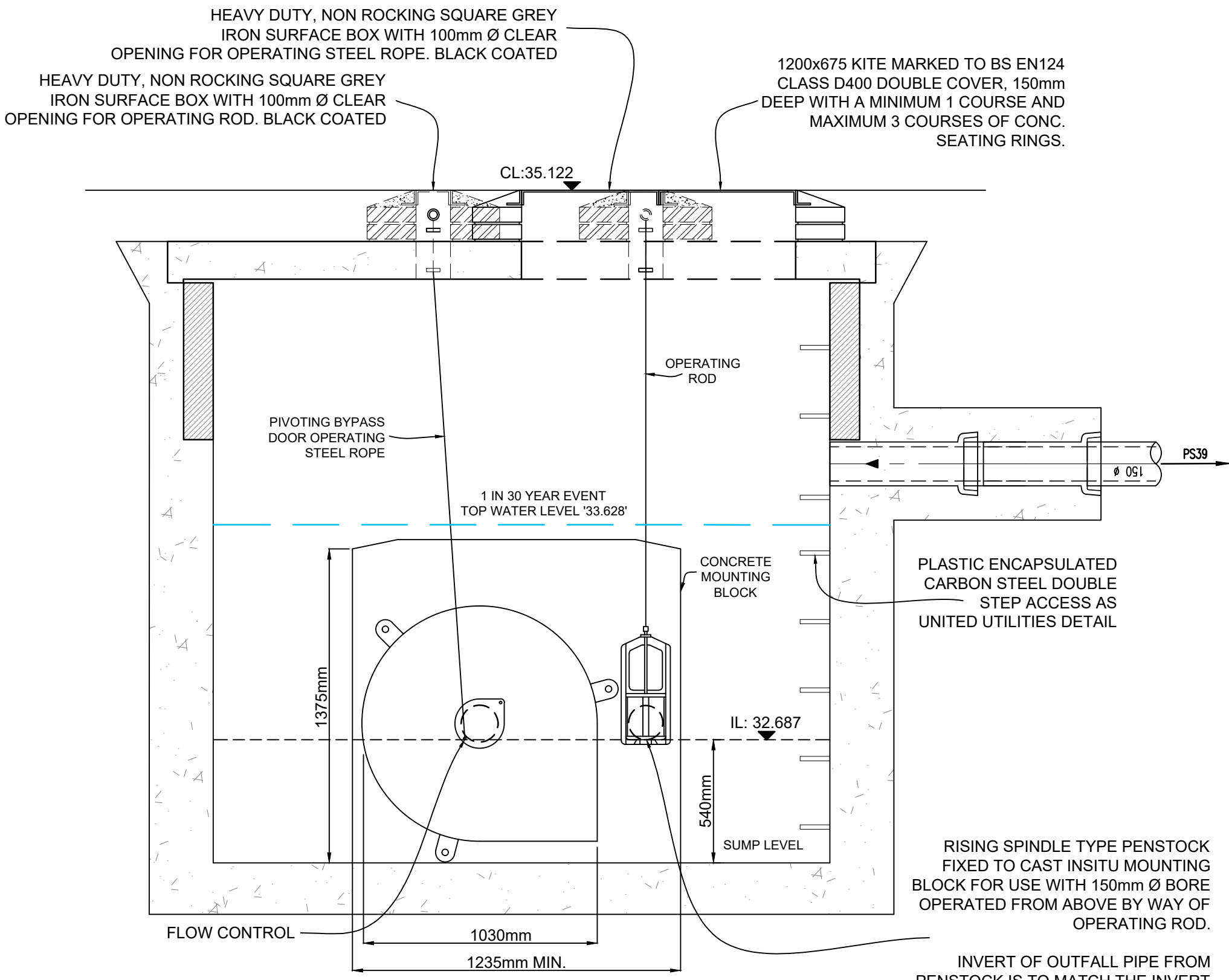
NOTE: ALL DRAINAGE WORKS SHALL BE IN ACCORDANCE WITH THE DCG

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NOTE: TO BE READ IN CONJUNCTION WITH S104 LAYOUT AND PRIVATE DRAINAGE LAYOUT



SECTION A-A



SECTION B-B



P03	COVER SIZE AMENDED	07.02.24	AJB	DS
P02	COVER LEVELS UPDATED	30.11.23	KW	DS
P01	ISSUE FOR COMMENT	09.08.23	KW	DS
Rev	Description	Date	By	Chkd

Drawing Status

PRELIMINARY DRAWING



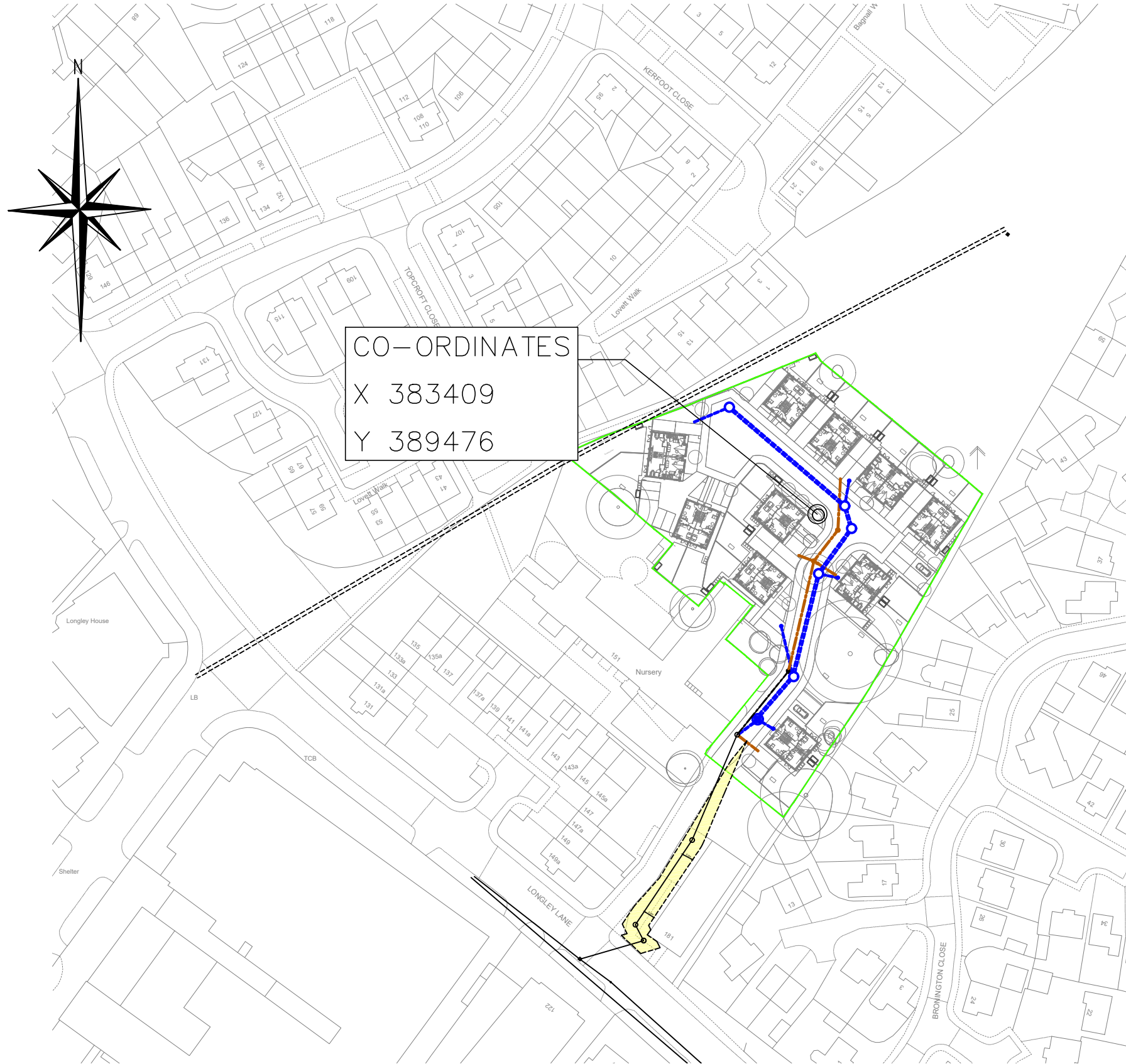
Client
GARDEN CITY DESIGN AND BUILD
Project
OAKWOOD LODGE WYTHENSHAW

Drawing Title
HYDROBRAKE DETAIL MH S6

Date
AUG 23
Drawn By
KW
Checked By
DS

Scale at A1
1:20
Project Number
33266

Sheet Number
33266-SUT-ZZ-XX-DR-C-6310
Revision
P03



GENERAL NOTES

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ALL WORKS TO BE CARRIED OUT IN STRICT ACCORDANCE WITH THE ENGINEER'S SPECIFICATIONS, RELEVANT BRITISH STANDARDS AND WHERE APPLICABLE LOCAL AUTHORITIES REQUIREMENTS.

KEY

—

EXISTING COMBINED DRAIN / SEWER

- - -

EXISTING SURFACE WATER DRAIN / SEWER

- - -

EXISTING FOUL WATER DRAIN / SEWER

EXTG MH
CL: XXX → □
IL: XXX

○

EXISTING MANHOLE / ACCESS CHAMBER

3m
3m

SEWER EASEMENT

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PRELIMINARY DRAWING

Client

GARDEN CITY DESIGN AND BUILD

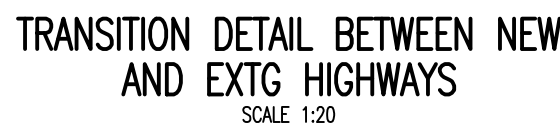
Project

OAKWOOD LODGE
WYTHENSHAW

Drawing Title

SECTION 104 LAND REGISTRY PLAN

P05	AMENDED TO UU COMMENTS (11.12.23)	03.01.24	AJB	DS
P04	SITE LAYOUT UPDATED	30.11.23	KW	DS
P03	KEY AMENDED	20.10.23	JW	DS
P02	OS TILE ADDED	28.09.23	JW	DS
P01	PRELIMINARY ISSUE	12.09.23	JW	DS
Rev	Description	Date	By	Chkd
Date	SEPT. 2023	Drawn By	JW	Checked By
				DS
Scale at A3	1:1250	Project Number	33266	
Sheet Number	33266-SUT-ZZ-XX-DR-C-6590	Revision	P05	



- ### General Note

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FOR FINAL SETTING OUT INFORMATION RELATING TO GRID LINES AND WALL POSITIONS
REFER TO THE ARCHITECT'S DRAWINGS.

THE DEVELOPER SHALL NOT COMMENCE ANY WORK WHICH AFFECTS THE PUBLIC HIGHWAY UNTIL ALL THE APPROVED TRAFFIC SAFETY AND MANAGEMENT MEASURES NECESSITATED BY THE WORKS ARE IN PLACE.

THE DEVELOPER SHALL MAINTAIN ACCESS TO AND ALONG ALL EXISTING FOOTWAYS, PRIVATE ACCESSES, PUBLIC RIGHTS OF WAY AND PROPOSED CROSSINGS OF THE WORK THROUGHOUT THE CONSTRUCTION PHASE.

ALL MATERIALS SHALL BE TRANSPORTED & LAID IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE APPROPRIATE CURRENT BRITISH STANDARD FOR THE MATERIAL

ALL KERBS ARE TO BE TRANSPORTED AND POSITIONED BY MECHANICAL MEANS

ALL CLAUSES ARE FROM THE SPECIFICATION OF HIGHWAY WORKS VOLUME 1

WORKMANSHIP AND MATERIALS TO BE IN ACCORDANCE WITH CLAUSE 1101

ALL ROAD OPENING NOTICES ETC., AS REQUIRED UNDER THE HIGHWAYS A

BE OBTAINED PRIOR TO COMMENCEMENT OF WORKS ON SITE. ALL WORKS ARE TO BE INSPECTED BY THE LOCAL AUTHORITY, NHBC, OR NWWA AS APPLICABLE.

NOTE: THE CONTRACTOR SHALL BE RESPONSIBLE FOR ATTAINING ALL NECESSARY APPROVALS FOR ANY SERVICE DIVERSIONS REQUIRED TO FACILITATE THE PROPOSED WORKS

SUBGRADE CBR (%)	CAPPING LAYER	SUB-BASE LAYER	OVERALL THICKNESS
2	450MM	150MM	600MM
2.5	400MM	150MM	550MM
3	350MM	150MM	500MM
4	300MM	150MM	450MM
5	250MM	150MM	400MM
8	210MM	150MM	360MM
10	180MM	150MM	330MM
15	150MM	150MM	300MM

NOTE:

THIS DRAWING TO BE READ IN CONJUNCTION WITH SALFORD CITY
COUNCIL STANDARD DETAILS

DRAWING NO.	DRAWING TITLE
SCC-SD-700-001	RESIDENTIAL ROAD CONSTRUCTION
SCC-SD-1100-010	KERBS AND EDGINGS
SCC-SD-500-001	ROAD GULLY
SCC-SD-1100-006	STANDARD KERB DETAILS SHEET 1 OF 2
SCC-SD-1100-007	STANDARD KERB DETAILS SHEET 2 OF 2

P02	ROAD / FOOTWAY CONSTRUCTION UPDATED	14.02.24	AJB	D
P01	PRELIMINARY ISSUE	05.05.23	KW	D
Rev	Description	Date	By	Ch

Drawing Status

PRELIMINARY



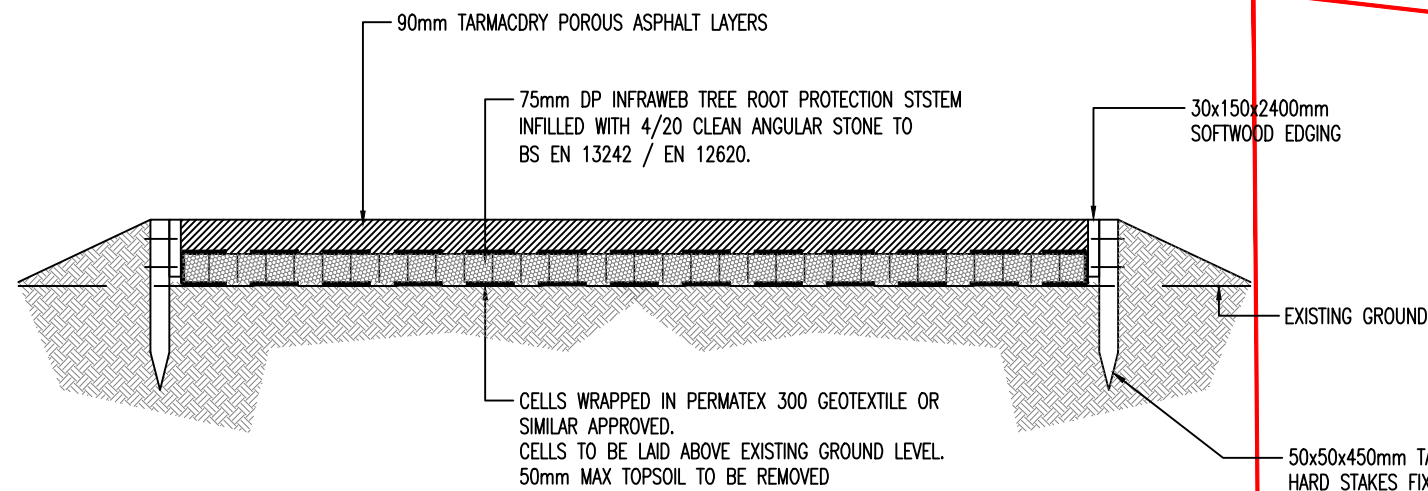
Client **GARDEN CITY DESIGN AND BUILD**

Project
OAKWOOD LODGE
WHYTHENSHAW

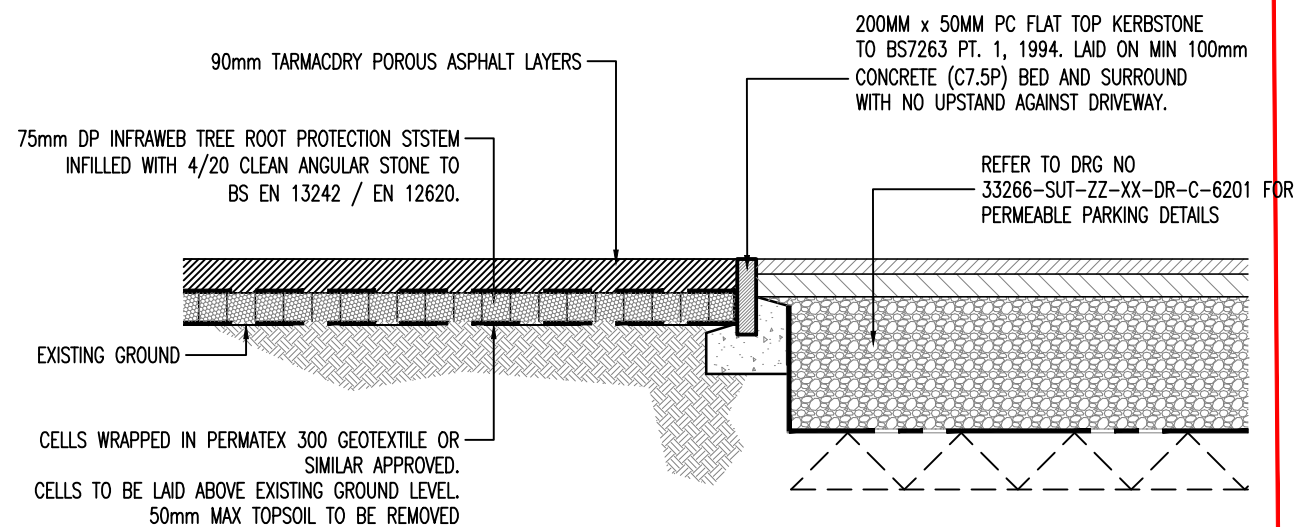
Drawing Title
EXTERNAL WORKS
ADOPTABLE DETAILS

Date MAY 23	Drawn By KW	Checked By DS
Scale at A1	Project Number	Revision

Sheet Number
33266-SUT-ZZ-XX-DR-C-6800



DRIVEWAY CONSTRUCTION IN TREE ROOT PROTECTION ZONE
SCALE 1:20



DRIVEWAY CONSTRUCTION IN TREE ROOT PROTECTION ZONE
JUNCTION WITH PERMEABLE PARKING
SCALE 1:20

50x50x450mm TANALISED
HARD STAKES FIXED TO
EDGING WITH 2 GALVANISED
NAILS AT 900mm CRS.

DRIVEWAY SHOWN HATCHED TO BE
CONSTRUCTED USING TREE ROOT
PROTECTION DETAIL OPPOSITE

DRIVEWAY SHOWN HATCHED TO BE
CONSTRUCTED USING TREE ROOT
PROTECTION DETAIL OPPOSITE

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PRELIMINARY DRAWING

Client

GARDEN CITY DESIGN AND BUILD

Project

OAKWOOD LODGE
WYTHENSHAW

Drawing Title

TREE ROOT PROTECTION
DRIVEWAY DETAIL

P01	PRELIMINARY ISSUE	25.10.23	AJB	DS
Rev	Description	Date	By	Chkd
	Date	Oct 2023	Drawn By AJB	Checked By DS
Scale at A3 1:20		Project Number 33266		
Sheet Number 33266-SUT-ZZ-XX-DR-C-6810				Revision P01